

Table 1 – Quality Criteria - Air Quality

RESOURCE CONCERN DEFINITIONS	QUALITY CRITERIA	ASSESSMENT TOOL	EFFECTIVE PRACTICES
<u>Chemical drift:</u> Airborne drift from the surface application of agricultural chemicals.	Agricultural chemicals are applied in a manner to minimize drift. Not adverse damage to non-target plants, animals, humans, adjacent land, or water bodies.	Observation WinPST	Filter Strip 393 Pest Management 595 Riparian Forest Buffer 391 Stripcropping, Wind 589 Tree/Shrub Establishment 612 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380
<u>Fungi, molds, and pollen:</u> Levels of fungi, mold, and pollen cause discomfort and health problems.	Pollen, molds, and fungi levels are minimized through management decisions.	Observation Personal comfort	Pest Management 595
<u>Odors:</u> Objectionable odors from sources such as confined livestock, animal waste, waste storage areas, field application of animal waste, and other organics.	Airborne odors are minimized and management decisions are in compliance with applicable local or state laws and regulations.	Personal comfort	Composting Facility 317 Nutrient Management 590 Tree/Shrub Establishment 612 Waste Management System 312 Waste Storage Facility 313 Waste Utilization 633 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380
<u>Particulates:</u> Airborne sediment and smoke particles cause health, safety problem and machinery and/or structural problems.	Treated area does not adversely affect the safety through decreased visibility, human or animal health, or cause machinery and/or structural problems.	Personal comfort	Conservation Cover 327 Prescribed Burning 338 Residue Management, No-Till and Strip Till 329A Residue Management, Mulch Till 329B Residue and Management, Ridge till 329C Tree/Shrub Establishment 612 Waste Management System 312 Windbreak Renovation 650 Windbreak/Shelterbelt Establishment 380